

# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 52]  
No. 52]

नई दिल्ली, शनिवार, दिसम्बर 28, 1974 (पौष 7, 1896)  
NEW DELHI, SATURDAY, DECEMBER 28, 1974 (PAUSA 7, 1896)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

**Notifications and Notices issued by the Patent Office relating to Patents and Designs**

#### THE PATENT OFFICE

#### PATENTS & DESIGNS

Calcutta, the 28th December 1974

#### CORRIGENDUM

In the Gazette of India, Part III Section 2 dated 12th October 1974 in page 708 column 2 under the heading "Cessation of Patents".

Delete No. "113662"

#### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

21st November 1974

2586/Cal/74. Mineral Research and Development Corporation. Non-corrosive cuprammonium fungicide and method for making same.

2587/Cal/74. Durga Prosad Chowdhury. Lensed bulb and lensed bulb cover- and lensed bulb attachment.

2588/Cal/74. F. B. Mercer Limited. Improvements in commodity packaging. (November 23, 1973).

2589/Cal/74. Armco Steel Corporation. Low-oxygen, silicon-bearing lamination steel.

2590/Cal/74. International Business Machines Corporation. Self threading reel. [Divisional date November 2, 1974].

2591/Cal/74. International Business Machines Corporation. Improved ticket cartridge and hopper and stacker therefor. [Divisional date November 2, 1974].

2592/Cal/74. ESB Incorporated. Improvements in storage battery chargers. (June 21, 1974).

2593/Cal/74. ESB Incorporated. Improvements in storage battery chargers. (June 21, 1974).

2594/Cal/74. Joseph Averbuch. Machine particularly useful for cutting diamonds and other precious stones.

2595/Cal/74. M. N. Rudra. Modifier lenses (glasses) and appliances for visual aids.

22nd November 1974

2596/Cal/74. National Research Development Corporation. Hardenable sheet materials (November 29, 1973).

2597/Cal/74. Simon-Carves Limited. Improved safety equipment. (December 8, 1973).

2598/Cal/74. John Wyeth & Brother Limited. Pyridine derivatives. (December 17, 1973).

2599/Cal/74. Bayer Aktiengesellschaft. Process for the preparation of unsaturated amino compounds.

2600/Cal/74. Bayer Aktiengesellschaft. Process for the preparation of chlorinated polymers.

2601/Cal/74. Merck Patent Gesellschaft mit beschränkter Haftung. 3-Acyl-4-oxo-pyrazino-isoquinolines.

2602/Cal/74. Standard Brands Incorporated. Process for isomerizing glucose to fructose. [Addition to No. 1329/Cal/73].

2603/Cal/74. T. B. Lakshmanachari and S. V. Padmanabhan. An improved automatic train warning, stop and/or control system. [Addition to No. 21/72].

2604/Cal/74. R. N. Kher. Air cooling devices.

2605/Cal/74. R. N. Kher. An air ventilating or cooling device.

2606/Cal/74. R. N. Kher. Air coolers.

2607/Cal/74. Occidental Petroleum Corporation. Process for reducing the sulphur content of coal and coal char and the ignition temperature of coal char.

## 23rd November 1974

- 2608/Cal/74. A. K. Gupta & A. K. Bhatnagar. A multiple.
- 2609/Cal/74. A. K. Bhatnagar, A. Bhatnagar and A. K. Gupta. A cooking gas balance.
- 2610/Cal/74. American Home Products Corporation. Production of semi-synthetic penicillins. [Divisional date March 5, 1968].
- 2611/Cal/74. The Firestone Tire & Rubber Company. Pneumatic tire.
- 2612/Cal/74. The Lucas Electrical Company Limited. Electrical switches. (January 5, 1974).
- 2613/Cal/74. Telefonaktiebolaget L M Ericsson. Arrangement for double-writing into a memory during data field relocation.
- 2614/Cal/74. Alberto Kling. A rotor means for an aircraft.
- 2615/Cal/74. Swiss Aluminium Ltd. Process for the determination of the oxide content of a molten salt charge.
- 2616/Cal/74. Michelin & Cie (Compagnie Generale des Etablissements Michelin). Multiple rim for vehicle wheels.
- 2617/Cal/74. Pilkington Brothers Limited. Improvements in or relating to the manufacture of glass. (November 23, 1973).

## 25th November 1974

- 2619/Cal/74. Siegfried Willheim Birkle. Solar furnace, clocks.
- 2619/Cal/74. Siegfried Willheim Birkle. Solar furnace.
- 2620/Cal/74. ICI Australia Limited. Laminates of thermoplastic materials. (April 13, 1972). [Divisional date November 24, 1972].
- 2621/Cal/74. Shell Internationale Research Maatschappij B. V. Process for the production of a reducing gas. (November 26, 1973).
- 2622/Cal/74. The West Company. Primary nurser assembly.
- 2623/Cal/74. WABCO Ltd. Brake pipe reduction indicating apparatus.
- 2624/Cal/74. General Electric Company. Strippable composite of polymeric materials for use in insulated electrical conductors, and products thereof and method of producing same.
- 2625/Cal/74. Zigmund Genrikhovich Bijumshtein and S. V. Dmitriev. Non-contact transmission mechanism.
- 2626/Cal/74. D. D. Gupta and R. Agarwal. Device for measuring the quantity and leakage of liquified petroleum gas within a gas cylinder.
- 2627/Cal/74. Sandoz Ltd. Improvements in or relating to organic compounds. (November 27, 1973).
- 2628/Cal/74. Amsted Industries Incorporated. Lockset seal extension on type "E" coupler.
- 2629/Cal/74. Fosco International Limited. Heat insulating compositions. (November 26, 1973).

## 26th November 1974

- 2630/Cal/74. The Goodyear tire & Rubber Company. Flame retardant copolyesters.
- 2631/Cal/74. Imperial Chemical Industries Limited. Morpholine derivatives. (December 13, 1973).
- 2632/Cal/74. Westinghouse Brake and Signal Company Limited. Fluid pressure operable brake actuators. (December 12, 1973).
- 2633/Cal/74. Nestle's Products Limited. Beverage flavouring process.
- 2634/Cal/74. The Standard Oil Company. Preparation of maleic anhydride from four carbon hydrocarbons.

- 2635/Cal/74. General Electric Company. Extrusion head with variable orifice.

## 27th November 1974

- 2636/Cal/74. Council of Scientific and Industrial Research. Preparation of new pharmacologically active compounds.
- 2637/Cal/74. Etat Francais. Combustion engine with super-charged internal combustion engine.
- 2638/Cal/74. British Sealed Beams Limited. Buttholder. (January 16, 1974).
- 2639/Cal/74. Spirax-Sarco Limited. Improvements in or relating to adjustment devices. (December 6, 1973).
- 2640/Cal/74. Spirax-Sarco Limited. Improvements in or relating to air line lubricators. (December 10, 1973).
- 2641/Cal/74. Dr. C. Otto & Comp. GMBH. Coke oven battery.
- 2642/Cal/74. Hoechst Aktiengesellschaft. Process for preparing copper phthalocyanine pigments of the or modification. [Addition to No. 2791/Cal/73].

- 2643/Cal/74. General Electric Company. Logical solution for mechanical clutch start/stop wear.

- 2644/Cal/74. Ferdinand Aufschlager KG. A method of constructing a filter well. (November 8, 1974).

- 2645/Cal/74. Durga Prosad Chowdhury. Lanterned and lamped lensed glasses. (Improved glasses for lanterns and lamps etc).

APPLICATION FOR PATENTS FILED AT THE  
(BOMBAY BRANCH)

## 8th November 1974

- 393/Bom/74. Hindustan Lever Limited. Skin Composition. (November 8, 1973).

## 11th November 1974

- 394/Bom/74. Mehta Engineering Enterprise. Improvements in or relating to push button switches and the like.
- 395/Bom/74. Mehta Engineering Enterprise. Improvements in or relating to push button switches and the like.
- 396/Bom/74. Mail Order Sales Private Limited. Device for the accelerated preparation of curd from milk.

## 12th November 1974

- 397/Bom/74. R. E. Landau. Methods and apparatus for flowing archable materials.
- 398/Bom/74. R. E. Landau. Formation and backfill of cavities in soil by jetting.

## 15th November 1974

- 399/Bom/74. I. H. Jindani. A new method of sealing a container.

## 16th November 1974

- 400/Bom/74. Applied Electronics Private Limited. Improvements in or relating to voltage regulators.

APPLICATION FOR PATENTS FILED AT THE  
(MADRAS BRANCH)

## 11th November 1974

- 169/Mas/74. S. I. K. Iyer. Integral huose with hydraulically pressed roofing and moulding components.

## 12th November 1974

- 170/Mas/74. M. M. Islam. Ecological aerosol container.

18th November 1974

171/Mas/74. K. M. Pillai. Temperature sensing element for measurement and control.

172/Mas/74. G. V. R. Bhagavathar. "Ranga charka" for weaving.

## ALTERATION OF DATE

95717. The claim to convention date 19th September 1963 has been abandoned and the application dated as of 19th September 1964, the date of filing in India.

136456. Ante-dated to 21st March, 1972.

(511/Cal/74).

136480. Ante-dated to 17th June, 1971.

(1310/Cal/73).

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F,b & 55E.

83281.

A PROCESS FOR PREPARING  $\alpha$ -AMINOBENZYL-PENICILLIN.

BEECHAM GROUP LIMITED, OF BEECHAM HOUSE, GREAT WEST ROAD, BRENTFORD, MIDDLESEX, ENGLAND.

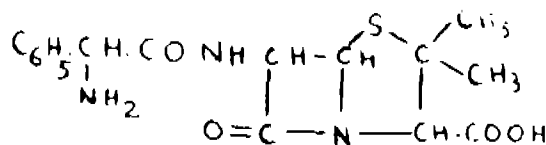
Application No. 83281 filed July 16, 1962.

Convention date July 21, 1961 (26488/61) U.K.

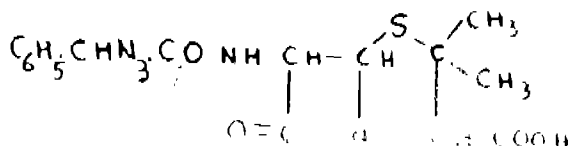
Appropriate office for opposition proceedings, (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 7 Claims.

A process for preparing  $\alpha$ -aminobenzylpenicillin of the general formula I.



and non-toxic salts thereof, characterised in that  $\alpha$ -azido-benzylpenicillin of the general formula II.



or a non-toxic salt thereof is catalytically hydrogenated.

CLASS 55E.

84167.

PROCESS FOR PREPARING ENTERIC MEDICAMENT.

ELI LILLY AND COMPANY, OF 740 SOUTH ALABAMA STREET, INDIANAPOLIS 6, INDIANA, UNITED STATES OF AMERICA.

Application No. 84167 filed September 17, 1962.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 14 Claims.

Process for preparing an enteric medicament which comprises coating a drug with an enteric material comprising at least one partial ester of a copolymer of maleic anhydride, or an alkali metal or amine salt of said ester, said ester being water soluble at a pH of greater than about 3.5, whereby the drug in the coated product thereby obtained is protected from any gastric environment in which it may be used.

CLASS 32F,a.

93241.

A PROCESS FOR OBTAINING ESTERS HAVING A SEDATIVE AND SPASMOLYTIC ACTION FROM THE ROOTS AND RHIZOMES OF VALERIANACEAE.

KALI-CHEMIE AKTIENGESellschaft, OF HANS-BOCKLER-ALLEE 20, HANNOVER, FEDERAL REPUBLIC OF GERMANY.

Application No. 93241 filed April 10, 1964.

Convention date January 22, 1964 (2839/64) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims. No drawings.

A process for obtaining isovaleric acid esters which have a sedative and spasmolytic action from roots and rhizomes of Valerianaceae, wherein the roots or rhizomes in a comminuted or powdered form are extracted at a temperature below 30°C, with a lipophilic solvent in the presence of a carboxylic acid or with a carboxylic acid alone, if desired together with its corresponding alkali metal or ammonium salts as buffer, in a pH range of from 3 to 7, and wherein the isovaleric acid esters are isolated from the extract.

CLASS 32F,b.

95717.

METHOD OF PREPARING SALTS OF 2, 4, 6-TRIHYDROXY-BENZOIC ACID.

ORSYMONDE S. A., OF 17, RUE DE FAUBOURG MONTAMARTE, PARIS 9 EME, FRANCE.

Application No. 95717 filed September 19, 1964.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims.

A method of preparation of salts of 2, 5, 6-trihydroxybenzoic acid, which comprises (a) reacting equimolar amounts of 2, 4, 6-trihydroxybenzoic acid and an alkali metal hydroxide in alcoholic solutions and recovering the desired compound, or (b) admixing solutions of an organic amine and 2, 4, 6-trihydroxybenzoic acid in an organic solvent and recovering the desired compound.

CLASS 32F.

103473.

PROCESS FOR THE PREPARATION OF HALOGENATED LINCOMYCIN DERIVATIVES.

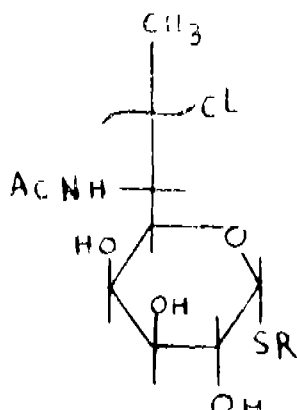
THE UPJOHN COMPANY, OF 301 HENRIETTA STREET, KALAMAZOO, MICHIGAN, UNITED STATES OF AMERICA.

Application No. 103473 filed January 17, 1966.

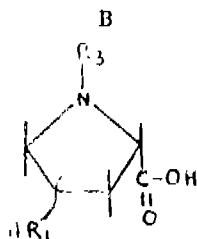
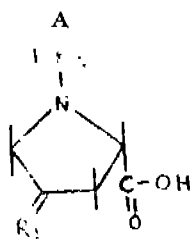
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims.

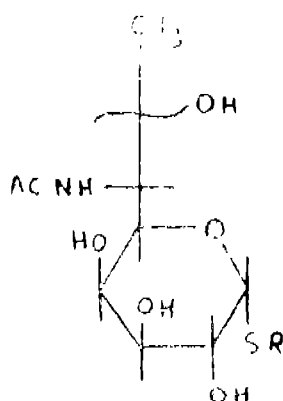
A process for the preparation of compounds of the general formula 1.



wherein R is alkyl of not more than 20 carbon atoms, cycloalkyl of from 3 to not more than 8 carbon atoms, and aralkyl of not more than 12 carbon atoms, and Ac is the acyl radical of a 4-substituted -L-2-pyrrolidinecarboxylic acid of the formula A or B.



wherein R<sub>1</sub> and R<sub>2</sub> are alkylidene of not more than 20 carbon atoms, cycloalkylidene of from 3 to not more than 8 carbon atoms, and aralkylidene of not more than 12 carbon atoms, and R<sub>3</sub> is hydrogen or HR<sub>2</sub> which comprises reacting a compound of the formula II.



with thionyl chloride at a temperature effective to replace the 7-hydroxy group with chlorine.

CLASS 55E<sub>a</sub>.

104744.

PROCESS FOR THE PREPARATION OF COMPOSITIONS FOR PERCUTANEOUS USE.

MEDIMPEX GYOKYSZERKULKERESKEDELMI VAL-LALAT, OF 4, VOROSMARTY TER, BUDAPEST V, HUNGARY.

Application No. 104744 filed April 5, 1966.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

A process for the preparation of compositions for percutaneous use for diagnosis, immunisation and curative purposes, wherein at least one agent selected from allergenic and antigenic materials of bacterial, fungal or viral origin is mixed

in the presence of water, a lipid and/or a lipophilic substance such as herein described being harmless to animal organisms, with urea and/or thiourea to give an essentially homogeneous dispersion at a temperature not exceeding the melting point of the urea and/or thiourea.

CLASS 32F<sub>b</sub> & 55E<sub>a</sub>.

105078.

PROCESS FOR THE PREPARATION OF NITROIMIDAZOLES.

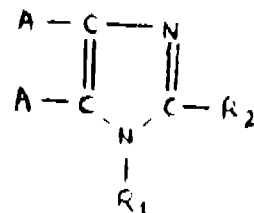
F. HOFFMANN-LA ROCHE & CO. AKTIENGESSELLSCHAFT, OF 124-184 GRENZACHERSTRASSE, BASEL, SWITZERLAND.

Application No. 105078 filed April 29, 1966.

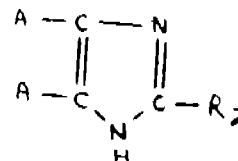
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 3 Claims.

A process for the preparation of nitroimidazoles of the general formula I.



wherein R<sub>1</sub> is 3-halo-2-hydroxypropyl or 2, 3-epoxypropyl, R<sub>2</sub> is hydrogen, halogen or lower alkyl and wherein one of the A-symbols represents nitro and the other represents hydrogen or iodine, which comprises introducing in a known manner such as herein described and R<sub>1</sub> group into the 1-position of a compound of the general formula Ia.



wherein A and R<sub>2</sub> have the above meaning.

CLASS 32F<sub>1</sub>, F<sub>2a</sub> & 55E<sub>a</sub>.

110987.

METHOD OF PREPARING AMIDINE DERIVATIVES.

THE WELLCOME FOUNDATION LIMITED, OF 183-193, EUSTON ROAD, LONDON, N. W. 1, ENGLAND.

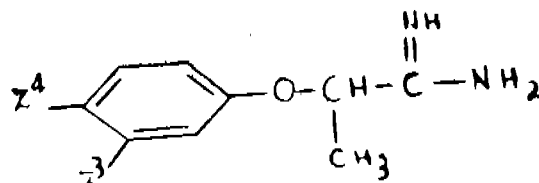
Application No. 110987 filed June 6, 1967.

Convention date June 21, 1966 (27627/66) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

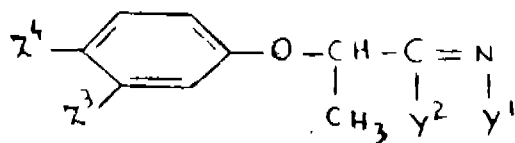
## 14 Claims.

A method for preparing a propionamidine of the formula (I).



or an acid addition salt thereof wherein one of Z<sub>3</sub> and Z<sub>4</sub> is hydrogen, or a substituent halogen, alkoxy having 1 to 4

carbon atoms, or trifluoromethyl, when the other is hydrogen, characterised in that one reacts an imidocarbonyl derivative of the formula (II).



wherein  $Z^3$  and  $Z^4$  are as defined above and, when

- $Y^2$  and  $Y^1$  together form an additional bond with an ammonium salt of an aromatic or aliphatic sulphonic acid;
- $Y^2$  and  $Y^1$  together form an additional bond, with an alkali metal amide;
- $Y^2$  and  $Y^1$  together form an additional bond, with an ammonium salt in the presence of ammonia;
- $Y^2$  is an alkylthio- or an alkoxy-group having 1 to 6 carbon atoms and  $Y^1$  is hydrogen, with ammonia; or
- $Y^2$  is a group -SH and  $Y^1$  is hydrogen, with ammonia.

CLASS 32F, +F.b.

119212.

PROCESS FOR THE PREPARATION OF HYPOTENSIVE AGENTS.

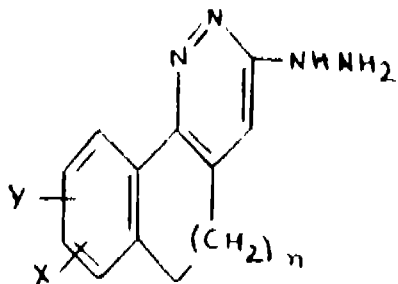
BRISTOL-MYERS COMPANY, AT 630 FIFTH AVENUE, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

Application No. 119212 filed December 31, 1968.

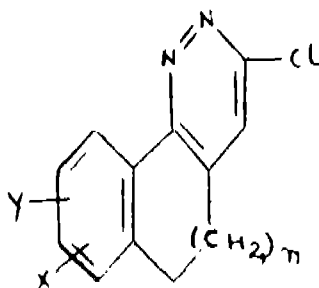
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for the preparation of compounds of the formula V.



in which X and Y are alike or different and each is hydrogen, fluorine, chlorine, bromine, trifluoromethyl, hydroxyl, (lower) alkyl, (lower) alkoxy, amino, or nitro, n is 1 or 2 or nontoxic, pharmaceutically acceptable acid addition salts thereof; which process comprises reacting a compound of the formula IV.



in which X, Y and n are as defined above, with hydrazine hydrate, at a temperature of from room temperature to about 130°C.

CLASS 55E, +F.

125435.

IMPROVEMENTS IN OR RELATING TO PROCESS FOR PREPARING ORAL CONTRACEPTIVE COMPOSITION (LONG-ACTING).

PHATIC CHANDRA DAS, 8, JAHURI BAZAR, P.O. BURDWAN, DIST. BURDWAN, WEST BENGAL, INDIA.

Application No. 125435 filed February 24, 1970.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims. No drawings.

A process for preparing an 'Oral-Contraceptive' composition comprises mixing the Embelia Ribes Dry Extract, Piper Longum Dry Extract, Asafoetida, Piper Betle Dry Extract, Oil of Polianthes Tuberosa, Abrus Precatorious Dry Extract with Borax wherein the active ingredients are prepared by the process as herein described.

CLASS 55E.

130163.

A METHOD OF PRODUCING AN ORALLY EFFECTIVE ANALGETIC COMPOSITION.

BRISTOL-MYERS COMPANY, AT 345 PARK AVENUE, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

Application No. 130163 filed February 3, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims. No drawings.

A method of producing an orally effective analgetic composition in oral dosage form which, upon parenteral administration, does not produce analgesia, euphoria or physical dependence, characterized by mixing an orally ineffective but parenterally effective does such as hereinbefore defined of 'naloxone' with an orally active strong analgetic.

CLASS 32F.b.

133729.

PROCESS FOR THE MANUFACTURE OF BENZODIAZEPINE DERIVATIVE.

F. HOFMANN-LA ROCHE & CO. AKTIENGESELLSCHAFT, OF 124-184 GRENZACHERSTRASSE, BASLE, SWITZERLAND.

Application No. 133729 filed November 24, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for the manufacture of 7-chloro-1-(2-diethylaminoethyl)-5-(2-fluorophenyl)-1, 3-dihydro-2H-1, 4-benzodiazepin-2-one monohydrochloride, which process comprises reacting 7-chloro-1-(2-diethylaminoethyl)-5-(2-fluorophenyl) 1, 3-dihydro-2H-1, 4-benzodiazepin-2-one with not more than the equimolar amount of hydrochloric acid and isolating from the reaction mixture by means of crystallization in a known manner as herein described the 7-chloro-1-(2-diethylaminoethyl)-5-(2-fluorophenyl)-1, 4-dihydro-2H-1, 4-benzodiazepin-2-one monohydrochloride formed.

CLASS 143D<sub>2</sub>+D<sub>1</sub>.

134211.

AN IMPROVED DEVICE TO FILL A LIQUIFIABLE MATERIAL IN A HOT SEMIFLUID STATE IN A BAG OF PERMEABLE MATERIAL.

ESSO EASTERN INC, AT 17, JAMSHEDJI TATA ROAD, POST BOX 11041, BOMBAY 20-BR, MAHARASHTRA, INDIA.

Application No. 134211 filed January 7, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 9 Claims.

A device to fill a liquifiable material in a hot semifluid state in a bag of permeable material like hessian lined with silicone-coated paper or paper-plastic lamination sheet, wherein a plurality of canisters is constructed in a row with collapsible or sliding trap-doors at their bottoms for placing a corresponding plurality of such bags in the array of canisters, one in each, each bag with its top, with one open corner, projecting above the top of its canister and filling each bag with the material before sealing such bags, the said doors opening directly above the surface of water in a tank or into curved chutes so as to release such sealed bags into water in the tank directly or into the said chute by opening the corresponding door, the corresponding chute being adapted to let the bag fall and/or enter gently into the water of the tank, the water being either fresh or saline.

CLASS 172F.

134241.

## A DEVICE FOR MANUFACTURING TWIST STABLE COMPOSITE FALSE-TWIST YARN.

JAYENDRA JAGMOHAN SHAH, 37, CHAKLA STREET, 3RD FLOOR, BOMBAY-3, MAHARASHTRA, INDIA.

Application No. 134241 filed January 10, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972 Patent Office, Bombay Branch.

## 4 Claims.

A device for making twist stable composite false twist yarn, directly from rovings, comprising—

(a) means characterised by a plurality of air spinning and twisting passages, each of said passages having a pair of jet openings tangentially but oppositely directed for spinning and twisting yarn elements fed through said passages;

(b) means for feeding rovings from their supply packages through said passages respectively; and

(c) means selectively intermittently controlling compressed air flow from an air supply means through said air jet openings for spinning and twisting said yarn elements in accordance with a programme to provide false twisted yarn elements, the device also including means for converging to provide a stable composite yarn product.

CLASS 55E, & 143D, F-D<sub>g</sub>.

134499.

## IMPROVEMENTS IN PACKAGING OF TABLETS.

ASPRO-NICHOLAS LIMITED, OF 225 BATH ROAD, SLOUGH, BUCKINGHAMSHIRE, ENGLAND.

Application No. 134499 filed February 4, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims.

A pack intended for tablets composed of two superimposed pliable sheet packaging materials and adapted to contain one or more substantially rectangular tablets as herein defined having two opposed major faces each defined by a smooth convex surface, comprising at least as many discrete substantially rectangular pockets each individually adapted to enclose one tablet and formed of the sheet packaging materials joined about the tablet.

CLASS 32F, F<sub>2</sub>b & 55E.

134586.

## PROCESS FOR THE PREPARATION OF HETEROCYCLIC COMPOUNDS WHICH INHIBIT NON H-1 HISTAMINE RECEPTORS.

SMITH KLINE & FRENCH LABORATORIES LIMITED, OF MUNDELI S, WELWYN GARDEN CITY, HERTFORDSHIRE, ENGLAND.

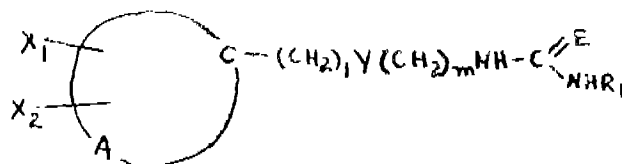
Application No. 134586 filed February 11, 1972.

Convention date March 9, 1971 (6352/71) U.K.

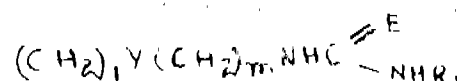
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 17 Claims.

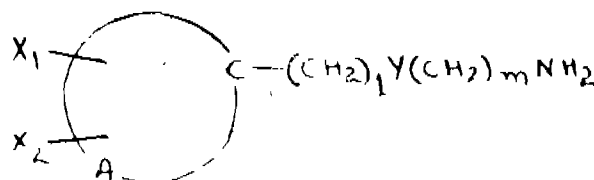
A process for the production of a compound of the following general formula I,



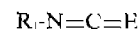
wherein A is such that there is formed together with the carbon atom shown an unsaturated heterocyclic nucleus, which comprises at least one nitrogen atom and may comprise further hetero atoms such as sulphur and oxygen; X<sub>1</sub> and X<sub>2</sub>, which may be the same or different, are hydrogen, lower alkyl, trifluoromethyl, hydroxyl, benzyl, halogen, amine or a group of formula X.



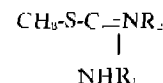
or X<sub>1</sub> may with X<sub>2</sub> and at least two of the atoms comprising A form a further ring; l and m are integers from 0 to 4, provided that the sum of l and m is 3 or 4; Y is oxygen, sulphur or NH; E is oxygen, sulphur or, provided that A may not be such that a pyridine ring is formed, NH<sub>2</sub>; R<sub>1</sub> is hydrogen, lower alkyl, acyl or dialkylaminoalkyl; and R<sub>2</sub> is hydrogen, nitro or cyano in which a compound of the formula XI



wherein A, X<sub>1</sub>, X<sub>2</sub>, l, m and Y have the above significance is reacted with a compound of the formula:



wherein R<sub>1</sub> has the above significance and E is sulphur or oxygen or with a compound of the formula:



wherein R<sub>1</sub> and R<sub>2</sub> have the above significance.

CLASS 83-A<sub>1</sub>.

134964.

## IMPROVEMENTS IN OR RELATING TO THE MANUFACTURE OF GARLIC POWDER.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Application No. 134964 filed March 17, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims. No drawings.

A process for the manufacture of garlic powder by separating garlic bulbs into papery husk, roots and cloves, followed by drying and powdering the cloves characterised in that the separated papery husk, roots and cloves are classified into individual fractions by pneumatic mechanical means, employing an aspirator, further characterised in that the dried clove material is passed through a pulper (with nylon brushes) wherein by gentle shearing action the thicker husk, sticking on to the meaty portion is released, resulting in a material comprising the components (a) the thicker husk and (b) dry meats, the said material is classified into individual components by mechanical means through an aspirator and the classified dry meats are ground in a hammer mill to get dehusked and dehydrated garlic powder.

## CLASS 90-I.

136444.

## IMPROVEMENTS IN OR RELATING TO GLASS SHEET SUSPENSION UNITS.

TRIPLEX SAFETY GLASS COMPANY LIMITED OF 1, ALBEMARLE STREET, PICCADILLY, LONDON W. 1, ENGLAND.

Application No. 1043/72 filed August 1, 1972.

Convention date August 11, 1971 (37741/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A suspension unit including tongs for gripping the upper edge of a hot glass sheet during bending of the sheet between horizontally acting bending dies, which tongs are suspended from suspension members which are movable by closure of the bending dies to cause the tongs to follow the changing curvature of the glass sheet as it is bent, comprising an individual horizontal suspension arm for carrying each tong which is pivoted about a vertical axis, and drive means associated with the bending dies and including drive members arranged to engage said arms respectively at distance from their axes such that as the dies close each arm rotates through an angle which maintains the tong carried by that arm above the upper edge of the sheet as it is bent.

## CLASS 97A.

136445.

## IMPROVEMENTS IN OR RELATING TO ELECTRIC ARCS.

PETER GUY TOWLSON, OF 40, OLD GATE ROAD, DAVINGTON COURT, FAVESHAM, KENT, ENGLAND.

Application No. 83/72 filed April 29, 1972.

Convention date May 3, 1971 (12638/71) U.K.

Appropriate office for opposition proceedings (Rule 0, Patents Rules, 1972 Patent Office, Calcutta.

14 Claims.

A method of generating electromagnetic radiation comprising connecting a voltage across two electrodes sufficient to maintain an arc discharge between them and automatically adjusting the separation of the electrodes by providing means responsive to a property of the discharge to a value below that at which a mathematic minimum herein defined occurs in the voltage/separation curve.

## CLASS 168-C.

136446.

## ELECTRONIC SIGNALLING CONTRIVANCE FOR USE ON LAND VEHICLES.

PUSHPASEN MORESHWAR RANE, SHRI PANT BHUVAN, CHOWPATI, BOMBAY-7, MAHARASHTRA, INDIA.

Application No. 128/72 filed May 4, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

8 Claims.

A signalling contrivance for a land vehicle which has for its essential parts (1) an electronic amplifying unit consisting of a microphone, an electronic amplifying circuit and a speaker to pick up and amplify sound signals of the rear vehicle and communicate them to the driver of the first mentioned vehicle, and (2) a lighting unit consisting of signalling lamps, indicator lamps, and a flasher to communicate with the driver of the rear vehicle in response to his sound signals.

## CLASS 32-C.

136447.

## AN IMPROVEMENT IN THE PRODUCTION OF RIFAMYCIN B.

GRUPPO LEPETIT S. P. A. OF 8, VIA ROBETO LEPE-  
TIT, MILAN, ITALY.

Application No. 815/Cal/73 filed April 6, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings.

Process for the sole production of rifamycin B by fermentation, characterized by the fact that a mutant strain selected from *Streptomyces mediterranei* M 18 ATCC 21789 and its equivalents such as herein described is fermented under aerobic conditions in an aqueous nutrient medium containing an assimilable carbon source, an assimilable nitrogen source and essential mineral salts until the medium shows substantial anti-biotic activity, and rifamycin B is isolated from the medium.

## CLASS 33A &amp; 129-M.

136448.

## METHOD AND APPARATUS FOR CUTTING A CONTINUOUSLY-FORMED CASTING INTO SHORT-LENGTH SEGMENTS.

USS ENGINEERS AND CONSULTANTS, INC., AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 2209/72 filed December 22, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Apparatus for simultaneously cutting a plurality of segments of a measured but adjustable length from a continuously formed casting as it travels, said apparatus comprising a plurality of carriages, means coupling said carriages together in spaced-apart relation, cutting means on each of said carriages and being spaced apart a distance equal to the length of one segment, said coupling means being adjustable to vary the spacing between said cutting means and thereby adjust the segment length, releasable clamping means carried by at least one of said carriages for engaging the casting, whereby both carriages travel with casting when the clamping means is engaged therewith, and measuring means carried by at least one of said carriages for measuring a length a casting equal to the combined length of a corresponding plurality of segments whereby said apparatus cuts a plurality of segments from the casting with each operation.

## CLASS 117-D.

136449.

## LOCKS.

SIDDHARTHA RAY, OF 37/2, GARIHATA ROAD SOUTH, CALCUTTA-37, WEST BENGAL, INDIA.

Application No. 2092/72 filed December 8, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A combination lock comprising top body member, bottom body member and a shackle, said top body member comprising a body section having a rotatably mounted dial on its face with a cam inside that rotates with the dial said cam having a notch or recess formed in its circumference and carrying a pin on its lower face; said bottom body member comprising a body section having a spindle, around which are rotatably mounted two or more cams, a recess or notch being formed in the circumference of each, the lower cam having a pin in its upper face and the other cams having pins on both their faces; each cam being spaced from the other, space between two consecutive cams being more than the length of the pin but less than the combined lengths of the two opposing pins, a single lever pivotally mounted on the lower body member and engaging a notch in the shackle when the lock is in locked position by the pushing action of the un-notched portion of the edge of one or more cams but adapted to move away, rotating on its pivot, into the notches in the cams when the notches, in all the cams, are aligned in front of the lever, the relative position of the recess and the pin on each cam being calculated in accordance with the code used for the combination for a particular lock, the dial on the face of top body member carrying numbers, letters of alphabet or the like markings out of which the code combination is made.

CLASS 32F., F.b.

136450.

## A METHOD OF PREPARING 2, 4-DIAMINO-5-BENZYL PYRIMIDINE.

THE WELLCOME FOUNDATION LIMITED, OF 183—193 EUSTON ROAD, LONDON, N. W. 1, ENGLAND.

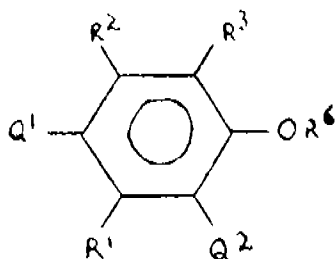
Application No. 1618/72 filed October 10, 1972.

Convention date October 12, 1971 (57512/71) U.K.

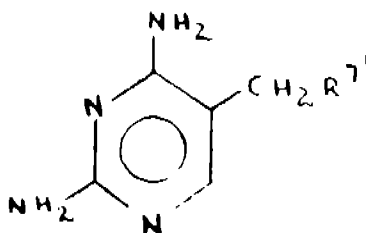
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

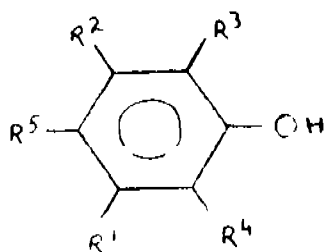
A method of preparing a 2, 4-diamino-5-benzylpyrimidine of formula (I).



wherein one of Q<sup>1</sup> and Q<sup>2</sup> is a 2, 4-diamino-pyrimidin-5-yl-methyl group, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and the other Q group are each either a hydrogen or halogen atom or an alkyl or alkoxy group having from 1 to 4, preferably from 1 to 3 carbon atoms, provided that Q<sup>2</sup> is the said pyrimidinyl group only when Q<sup>1</sup> is not a hydrogen atom, and R<sup>6</sup> is a hydrogen atom; by reacting a compound of formula (V).



where R<sup>7</sup> represents a hydroxyl group, a halogen atom such as bromine or chlorine or represents the anionic residue of a carboxylic or sulphonic acid, with a substituted phenol of formula (II).



in a polar non-phenolic solvent capable of dissolving both reactants wherein R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are as hereinbefore defined and at least one of R<sup>4</sup> and R<sup>5</sup> is a hydrogen atom and the other is a hydrogen or halogen atom or an alkyl or alkoxy group containing from 1 to 4 carbon atoms as specified for Q.

CLASS 186E &amp; 194-C.

136451.

## COLOUR TELEVISION DISPLAY APPARATUS PROVIDED WITH A CATHODE-RAY TUBE.

N. V. PHILIPS GLOFILAMPENFABRIEKEN, AT 29 EMMA-SINGEL, FINDHOVEN, HOLLAND, NETHERLANDS.

Application No. 1556/72 filed October 3, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

Colour television display apparatus provided with a cathode-ray tube having a display screen and a system of deflection coils comprising a magnetic core on which a first and a second deflection coil unit are provided each unit comprising two preferably symmetrical coiled halves, said deflection coil system being slide on the neck of the cathode-ray tube for deflecting at least one electron beam generated in the cathode-ray tube in two substantially orthogonal directions because a deflection current originating from a deflection current generator flows through each coil half the apparatus furthermore being provided with at least one correction current generator for supplying a correction current in at least one deflection coil unit for generating a quadrupolar field approximately at the area of the deflection plane of the electron beam characterized in that a second quadrupolar field is generated approximately at the area of the deflection plane of the electron beam by a second correction current induced in the coil halves of the second deflection coil unit by the correction current flowing in the coil halves of the first deflection coil unit, the voltage produced by the second correction current across each coil half of the second deflection coil unit being substantially zero, and the deflection coil halves being toroidally wound on the core.

CLASS 63B.

136452.

## ROTOR FOR DYNAMOELECTRIC MACHINES.

WESTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 892/72 filed July 18, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A dynamoelectric machine having a stator member and a rotor member, said stator member having a magnetic core and a stator winding disposed in slots in the core, said winding having end turn portions extending beyond the core, said rotor member including a plurality of salient pole members having pole faces, and a damper winding on the rotor member, said damper winding including damper bars in said pole faces and end portions extending beyond the pole members under said stator winding end turn portions, characterized in that the central portion of said damper bars in the pole faces consist of magnetic material and the end portions of the damper winding consist of non-magnetic material.

CLASS 25B, 27-I &amp; 136C.

136453.

## DEVICE FOR FORMING SHEAR KEYWAYS ON SIDES OF EXTRUDED CONSTRUCTION SLABS AND THE LIKE.

SPIROLL CORPORATION LTD., OF 385 DAWSON ROAD, WINNIPEG 6, MANITOBA, CANADA.

Application No. 696/72 filed June 27, 1972.

Convention date July 2, 1971 (31221/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A concrete slab forming machine which includes a packing chamber having a pair of opposed longitudinally apertured side plates; a horizontal shear keyway forming device, means for mounting said device one upon each side plate at said longitudinal apertures, said device including a frame, belt guide means at each end of said frame and an endless belt extending around said belt guide means whereby the inner run of the belt engages through said apertures in the side plate and engages the side of the concrete slab being formed by the machine, and a plurality of outwardly extending shear keyway forming projections on the outer surface of said belt.

CLASS 27G+I.

136454.

8 Claims.

## CONSTRUCTIONAL ELEMENT.

JAMES ALEXANDER MACKENZIE, OF 100 BRONSON AVENUE, OTTAWA, ONTARIO, CANADA.

Application No. 503/72 filed June 12, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims.

A constructional element of constant L-shaped cross-section comprising two flanges of uniform thickness which merge at right angles, and wherein

(a) one of said flanges contains a first longitudinally extending row of alternating circular and quatrefoil apertures,

(b) the other of said flanges contains a second longitudinally extending row of alternating circular and quatrefoil apertures,

(c) the lengthwise centre-to-centre distance between adjacent apertures in each row is the same,

(d) the centre line of each row of apertures is equidistant from the line of merger of the two flanges,

(e) each quatrefoil aperture has a minimum dimension which is not less than the diameter of the circular apertures,

(f) each quatrefoil aperture has two equal maximum dimensions, each said maximum dimension being substantially equal to the diameter of a circular aperture plus twice the thickness of said flange,

(g) said maximum dimensions extending longitudinally and transversely of the element, and wherein

(h) the apertures in each row are transversely aligned, the circular apertures in one row being transversely opposite the quatrefoil apertures in the other row.

CLASS 128F.

136455.

## IMPROVEMENTS IN PARENTERAL FLUID FLOW CONTROLS.

SCI SYSTEMS, INC., OF 8620 SOUTH MEMORIAL PARKWAY, HUNTSVILLE, ALABAMA 35802, UNITED STATES OF AMERICA.

Application No. 295/72 filed May 24, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 31 Claims.

A parenteral fluid flow controller comprising, in combination, flow control valve means for controlling the flow of said fluid to a patient, actuating means for repeatedly actuating said valve means to permit flow therethrough in increments, drop formation means for forming drops of said fluid, and control means for making the time rate of actuation of said valve means a function of the time rate of formation of said drops.

CLASS 206H.

136456.

## FREQUENCY RESPONSIVE MULTI-PHASE PULSE GENERATOR.

ROCKWELL INTERNATIONAL CORPORATION, FORMERLY KNOWN AS NORTH AMERICAN ROCKWELL CORPORATION, AT THE NORTH AMERICAN ROCKWELL BUILDING PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 511/72 filed March 11, 1974.

Division of Application No. 135009 filed March 21, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2—387GI/74

A frequency responsive pulse generator of the type adapted to provide a plurality of output pulses at successive time intervals dependent on the frequency of an input clock signal having equal positive and negative half cycles, the generator comprising :

detector means for detecting the transitions of said clock signal first and second transition output pulses being provided in response thereto;

delaying means, responsive to said transition output pulses, for providing a delay pulse during each half cycle of said clock signal said delay pulse having a pulse width representative of the frequency of said clock signals; and

bistable means responsive to said clock signals and said delay pulses for providing first and second delayed output pulses which respectively succeed said first and second transition output pulses by time intervals determined by the pulse width of said delay signal.

CLASS 119B &amp; 146A.

136457.

## A DEVICE FOR THE MEASURING OF THE EYE ANGLE OF HEADS.

THE NEW INDIA INDUSTRIES LIMITED, OF JETALPUR ROAD, P.O. BOX NO. 67, BARODA-390005, STATE OF GUJARAT, INDIA.

Application No. 1274/72 filed August 28, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 6 Claims.

A device for the measurement of the angle of inclination of the plane containing the eye of a wire head with respect to the plane containing the end loops comprising a platform at the centre of which is disposed a protractor mounted perpendicular to the length of the platform, a pair of adjustable chariots on either side of the protractor capable of movement on a mono rail and possessing means thereon of holding the end loops of the wire heads substantially flat thereon, a pointer controlled by an externally mounted knob connected to the base of the pointer by means of a screw such that the knob controls the movement of the pointer in a semicircular arc across the surface of the protractor so that when the head is placed on the adjustable chariots, the inclined central eye is positioned at the centre in the path of the pointer and the pointer needle touches the plane of the central eye and the angle of inclination of the plane of containing the central eye with respect to the plane of the end loops can be read off along the protractor.

CLASS 14C &amp; 70A+B.

136458.

## IMPROVEMENTS IN AND RELATING TO ELECTROLYSERS.

THE CUMBERLAND ENGINEERING COMPANY LIMITED OF 108-114 DERBY ROAD, BOOTLE 20, LANCASHIRE, ENGLAND.

Application No. 371/72 filed May 31, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 16 Claims.

An electrolytic cell comprising a pair of terminal electrodes located within a chamber and adapted to be connected to the poles of a D.C. source, and a plurality of binolar electrodes which are located between the terminal electrodes, at least the binolar electrodes being rotatable about an axis through their centres.

CLASS 32B.

136459.

## PRODUCTION OF ARYL-SUBSTITUTED N-PARAFINS.

UNIVERSAL OIL PRODUCTS COMPANY, OF 10 UOP PLAZA-ALGONQUIN & MT. PROSPECT ROADS, DES PLAINES, ILLINOIS, UNITED STATES OF AMERICA.

Application No. 1023/72 filed July 31, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 10 Claims.

A process for the production of an aryl-substituted normal paraffin wherein :

(i) a normal paraffin and hydrogen are contacted with a dehydrogenation catalyst in a dehydrogenation zone at conditions sufficient to produce a normal monoolefin having a carbon number equal to the precursor paraffin in admixture with the normal paraffin;

(ii) the normal monoolefin-normal-paraffin mixture is contacted with an alkylation catalyst and a monocyclic aromatic in an alkylation zone at conditions sufficient to produce an aryl-substituted normal paraffin in admixture with monocyclic aromatic and normal paraffin;

(iii) the aryl-substituted normal paraffin, mono-cyclic aromatic and normal paraffin mixture is separated in a separation zone at conditions sufficient to provide a normal paraffin recycle stream containing small amounts of aryl-substituted, normal paraffin; and

(iv) the normal paraffin recycle stream is recycled to the dehydrogenation zone whereby the aryl-substituted paraffin causes deactivation of the dehydrogenation catalyst; the improvement which comprises controlling the conditions in the separation zone such that the amount of aryl-substituted paraffin in the paraffin re-cycle is maintained at a level such that the paraffin passed to the dehydrogenation zone contains below 0.1% by weight aryl-substituted paraffin, thereby decreasing the deactivation rate of the dehydrogenation catalyst.

CLASS 131C.

136460.

IMPROVEMENTS IN GEOPHYSICAL PROSPECTING METHODS.

CONTINENTAL OIL COMPANY, OF 1000 SOUTH PINE STREET, PONCA CITY, OKLAHOMA, UNITED STATES OF AMERICA.

Application No. 1041/72 filed August 1, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 12 Claims.

Apparatus for deriving seismic energy data for selected substrata underlying an earth location, comprising

an equi-spaced line of seismic energy receivers positioned on said earth location;

an equi-spaced line of seismic energy sources positioned generally perpendicular to and intersecting said line of seismic energy receivers;

means for energizing each of said sources sequentially and means for recording energy data received by all said receivers for each sequential source energizations, whereby the data for a selected substratum may be assembled to indicate relative strike and dip evaluation for a spaced quadrature array of reflection point patterns at the selected substratum.

CLASS 195C.

136461.

IMPROVEMENT IN RELATING TO BUTTERFLY VALVES AND ELECTRICAL ACTUATORS WITH TORQUE LIMIT ATTACHMENT.

BHUTORIA ENGINEERING WORKS LTD., OF 8, LINDSAY STREET, CALCUTTA-16, WEST BENGAL, INDIA.

Application No. 1064/72 filed August 3, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 11 Claims.

An electrically operated butterfly valve comprising a main body housing a valve disc inside the running channel of the body the disc being pivotally supported by means of a shaft at its two ends and fitted centrally at an angle and pressed in the seat by the eccentricity of the spindle, characterized by that the valve body has got two bearing housings at its two sides where the working fluid have no access and the valve shaft consisting of a one piece unit extends completely through

the valve disc and supported by means of two self aligning ball bearings fitted with tapered sleeves mounted on the said shaft at its two ends with further support of two thrust bearings at its extreme ends, all the bearings being housed inside the said bearing housings thereby preventing any lateral movement or sinking of the shaft axis and the said electrical operation comprising an electrical motor operating an actuator through a multiple gear arrangement for the operation of the valve disc with further provision of manual operation and automatic torque limit switch attachment to prevent overload of the valve.

CLASS 32F.a.

136462.

A METHOD OF PREPARING N-(DIETHYLAMINOETHYL)-2-METHOXY-5-METHYLSULPHONYL-BENZAMIDE.

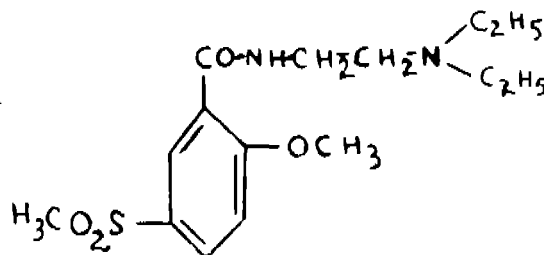
RENFAG S. A., OF 42, CHOMIN DE RUTH, 1223 COLOGNY-GENEVA, SWITZERLAND.

Application No. 1915/72 filed November 15, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims.

A method of preparing N-(diethylaminoethyl)-2-methoxy-5-methylsulphonyl-benzamide of the formula shown in Figure III.



comprising reacting a solution of 2-methylsulphonyl-benzoic acid with N, N', N''- (diethylaminoethyl)-phosphoramidate.

CLASS 178H &amp; 206E.

136463.

TRANSISTOR AMPLIFIER FOR BROAD-BAND INFORMATION SIGNALS.

N. V. PHILIPS' GLOEILAMPENFABRIEKEN, AT EM-MASINGEL, EINDHOVEN, NETHERLANDS.

Application No. 358/Cal/73 filed February 17, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims.

A transistor amplifier for amplifying a supplied information signal and comprising a pre-amplifier stage including a pre-amplifier output stage, the output signal derived from the emitter circuit of the transistor of the pre-amplifier output stage being applied to the base electrode of a transistor arranged in common emitter configuration and incorporated in a control amplifier stage for an amplifier end stage, said control amplifier stage following the pre-amplifier stage; said amplifier end stage being formed as a power amplifier stage and being constituted by a transistor arranged in common collector configuration, the output circuit of the transistor in the amplifier end stage being constituted by the emitter circuit and being coupled at one end to a user and at the other end to a negative feedback circuit which is also connected to the input of the pre-amplifier stage, characterized in that a potential divider whose potential divider point corresponds to the information signal zero point is provided between the emitter circuit of the transistor incorporated in common collector configuration in the pre-amplifier output stage and a connection point in the output of the transistor in the amplifier end stage having a phase-opposed information signal voltage, said transistor amplifier being furthermore provided with an amplifier stage operating as a phase inverter stage whose input is connected to the potential divider point of the potential divider and whose output is connected in the manner of a negative feedback circuit to an impedance in the emitter circuit of the transistor incorporated in common emitter configuration in the control amplifier stage.

CLASS 63B+F.

136464.

**IMPROVEMENTS IN OR RELATING TO DIRECT CURRENT COMMUTATORLESS ELECTRIC MOTORS.**

PROF. PAUL KRISHNAMA CHARLU AND DR. PALGHAI SRIRAMULU SKINIVASAN, DEPARTMENT OF ELECTRICAL ENGINEERING, REGIONAL ENGINEERING COLLEGE, CALICUT, KERALA STATE, INDIA.

Application No. 4/Mas/72 filed September 22, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

**1 Claim.**

A commutatorless direct current electric motor with a closed uniformly distributed stator armature winding with six windings marked  $A_1, A_2, B_1, B_2, C_1, C_2$  such that the angles of separation between windings  $A_1$  &  $C_2, C_2$  &  $B_1, B_1$  &  $A_2, A_2$  &  $C_1$  &  $B_2$  and  $B_2$  &  $A_1$  are respectively each equal to 60 degrees (electrical); the windings  $A_1, B_1$  &  $C_1$  are respectively connected to the cathodes of the first set of three silicon controlled rectifiers whose anodes are connected together for giving connection to the positive terminal of the direct current supply; the windings  $A_2, B_2$  &  $C_2$  are respectively connected to the anodes of the second set of three silicon controlled rectifiers whose cathodes are connected together for giving connection to the negative terminal of the direct current supply; the conductors of stator armature winding of the motor will carry the same amount of current at any instant of operation of the motor but for the instants at which the commutation of the silicon controlled rectifiers take place.

CLASS 156B.

136465.

**LAMINATED PRODUCT AND METHOD OF MAKING THE SAME.**

IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILBANK, LONDON, S.W. 1, ENGLAND.

Application No. 466/72 filed June 8, 1972.

Convention date June 9, 1971 (1967/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**15 Claims.**

A laminated product comprising a plurality of laminae as hereinbefore defined in parallel relationship, at least two of said laminae having disposed between them an interlayer comprising synthetic polymeric fibres (as hereinbefore defined), the long axes of said fibres being substantially at right angles to the plane of the laminae forming the boundary of the interlayer.

CLASS 9D &amp; 12C.

136466.

**A METHOD OF PRODUCING A WEAR RESISTANT FERROUS ALLOY MEMBER.**

MICHEL FELTZ, OF 14E, RUE HOTTEUX, AYENEUX, BELGIUM.

Application No. 502/72 filed June 12, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**8 Claims.**

A method of producing a wear resistant ferrous alloy member comprising providing an alloy having a chemical composition in percentage by weight of essentially the following constituents

Carbon	from	2.3% to	5.0%
Chromium	from	33.0% to	51.0%
Manganese	from	0.15% to	1.5%
Silicium	from	0.15% to	1.5%

the balance being principally iron with the usual impurities, wherein the percentage by weight of carbon and chromium satisfies the relationship

$$11 \leq \%Cr - 8 \times \%C \leq 16$$

forming the thus provided alloy composition by casting and/or machining into a desired configuration and submitting the formed member to a hardening heat treatment in blown or still air from a temperature within the range of 1025°C and 1150°C to confer to said member a Rockwell "C" hardness of at least 60 Rc and a metallographic structure constituted by eutectic and hypereutectic carbides and a matrix, which is free of ferrite and/or secondary carbides, and which is formed by a predominantly martensitic solid solution.

CLASS 66D<sub>1</sub> & 194C<sub>b</sub>+C<sub>c</sub>.

136467.

**A DEVICE FOR APPLYING MASTIC TO LAMP CAPS.**

SOLOMON ISAAKOVICH LEVIN, SARANSK MORDOVSKOI ASSR, ULITSA SVEITSKAYA, 79, KV. 12, USSR, GENNADY IVANOVICH GRISHAEV, SARANSK MORDOVSKOI ASSR, PROSPEKT 50 LET OKTYABRYA, 103, KV. 15, USSR, NIKOLAI IVANOVICH TSYGANKIN, SARANSK MORDOVSKOI ASSR, ULITSA ANNY LUS, 2, KV. 25, USSR AND VALENTIN IERENIEVICH SAMONOV, SARANSK MORDOVSKOI ASSR, ULITS. SVETOTREKHINI, 55, KV. 49, USSR, AND VYACHESLAV IVANOVICH SAUSHEV, SARANSK MORDOVSKOI ASSR, KOMMUNISTICHESKAYA ULITS, 60, KV. 45, USSR.

Application No. 1422/72 filed September 14, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**4 Claims.**

A device for applying mastic to lamp caps on a continuously moving chain conveyor carrying sockets in which the caps are inserted by loading means, then insulators facing downwards, comprising means for applying mastic arranged on a drum which is mounted on a common shaft with a conveyor sprocket so that the distance between the centres of the applying means of the means for applying mastic is equal to that between the centres of caps inserted into sockets, and as the chain conveyor is engaged with the sprocket, the sockets with the caps are stationary relative to the applying heads of the means for applying mastic to caps in angular and radial directions, but are adapted to perform vertical movement in order to bring a cap to an applying head.

CLASS 129-G.

136468.

**DIE EXCHANGER OF AN EXTRUDING PRESS.**

UBE INDUSTRIES, LTD., OF 12-32, NISHIHONMACHI, 1-CHOME, UBE-SHI, YAMAGUCHI-KEN, JAPAN.

Application No. 235/Cal/73 filed February 1, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**5 Claims.**

A die exchanger of an extruding press in which an extrusion die is horizontally set in a die slide suitably equipped in the press whereby the die is transferred from the position being in alignment with the center of the press to an exchanging position where the die is longitudinally movable; comprising means for horizontally and longitudinally removing forward the old die from the die slide at said exchanging position, means for dismountably receiving said removed old die, as well as for horizontally mounting thereon a new die to be set, which mounting means extends horizontally and acts as a guide for the new die to the die slide, and driving means for moving rearwards the new die, mounted on the mounting means, to set it into the die slide.

CLASS 9A+B, 85G &amp; 130F+G.

136469.

**METHOD AND APPARATUS FOR VACUUM TREATMENT OF LIGHT METAL ALLOYS.**

A/S ARDAL OG SUNNDAL VERK OF SORKEDALSVEIN 6, OSLO 3, NORWAY.

Application No. 727/72 filed July 1, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 22 Claims.

Method of producing light metal alloys, in particular aluminum alloys, in a melting and mixing process, characterised by first introducing desired alloying elements into a vacuum furnace, then reducing the pressure in said vacuum furnace, and thereafter introducing into said vacuum furnace light metal melt which is to be the main component of the alloy, by suction in the form of a metal jet being thereby simultaneously as known *per se* subjected to a vacuum treatment for reducing its contents of impurities, whereby said metal jet causes said alloying elements to be dissolved and mixed into the resulting melt which is collected in said vacuum furnace.

CLASS 103.

136470.

A COMPOSITION AND A PROCESS FOR THE CLEANING AND ACTIVATION OF A FERROUS AND/OR ZINC SURFACES.

AMCHEM PRODUCTS, INC., OF BROOKSIDE AVENUE, AMBLER, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 1538/72 filed September 29, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims. No drawings.

A composition for the cleaning and activation of a ferrous and/or zinc surface (as hereinbefore define) comprising an aqueous, alkaline solution having a pH of not less than 10 containing a colloidal titanium salt and from 0.3 g/l to 15 g/l of a stabilizing component the stabilizing component consisting of an orthosilicate and/or a metasilicate together with a tripolyphosphate and/or a pyrophosphate.

CLASS 32F,+F.b.

136471.

A PROCESS FOR PREPARING ACYLATED GLUCOSAMINE DERIVATIVES.

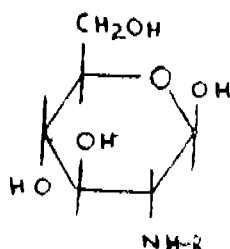
RECHERCHES PHARMACEUTIQUES ET SCIENTIFIQUES, OF 6 RUE LINCOLN, PARIS, FRANCE.

Application No. 1358/Cal/73 filed June 11, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for preparing an acylated glucosamine having the general formula (I).



in which R is a 2-(para-chlorophenoxy)-2-methyl-propionyl group or a 3-methyl-4-phenylbuten-3-oyl group which comprises reacting glucosamine with an acid anhydride having the general formula ROR in which R is as defined above.

CLASS 199.

136472.

FLUID LEVEL INDICATING DEVICES.

GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, ENGLAND.

Application No. 581/Cal/73 filed March 15, 1973.

Convention date March 30, 1972 (15086/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 9 Claims.

A fluid level indicating device comprising a liquid reservoir, a float within the reservoir and an actuating member engageable by the float, wherein the float is of generally flattened form, so that its axial depth is small, compared with the lateral dimensions of its surface contacted by liquid in the free buoyant state of the float, and the float is guided locally at spaced points about its periphery by guide means provided on the inside walls of the reservoir.

CLASS 160-A.

136473

IMPROVEMENTS IN INDUSTRIAL PALLET AND STILLAGE TRUCKS.

LANSING BAGNALL LIMITED, OF KINGSCLERE ROAD, BASINGSTOKE, HAMPSHIRE, ENGLAND.

Application No. 728/Cal/73 filed March 30, 1973.

Convention date April 10, 1972 (16485/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

An industrial pallet or stillage truck comprising a body portion, a load carrying portion mounted for up and down movement relatively to the body portion, two hydraulic rams for raising a root portion of the load carrying portion, and a linkage operated by movement of the root portion relatively to the body portion and including ground engaging members for raising and lowering the end of the load carrying portion remote from the root portion, in unison with the root portion, each ram comprising a stationary part connected to the body portion and a movable part connected to the load carrying portion, and the linkage comprising two operative levers each pivotally connected at its fulcrum to said root portion and also being pivotally connected directly to the lower end of the stationary part of one of the rams, whereby up and down movement of the root portion imparts pivoting movement to the levers to operate said linkage characterised in that at least one of the rams has its stationary part mounted on the body portion in such a manner as to be adjustable longitudinally with respect to the body portion, whereby longitudinal adjustment of the stationary part of said one ram moves the lever connected to that stationary part and thereby adjusts the position of the associated ground engaging member with respect to the load carrying portion.

CLASS 39E.

136474.

PROCESS FOR THE MANUFACTURE OF CARBON DISULPHIDE.

RHONE-PROGIL, OF 6 RUE PICCINI, PARIS 16EME, FRANCE.

Application No. 190/72 filed May 15, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims. No drawings.

Process for the manufacture of carbon disulphide from hydrocarbons, in which a hydrocarbon or hydrocarbon mixture is brought into contact with sulphur vapour and with sulphur dioxide at a temperature of 500° to 1,000°C for 3 to 10 seconds in the absence of a catalyst.

CLASS 32F<sub>2</sub>C.

136475.

METHOD FOR PREPARING 1, 4- DICYANO BUTENES.

HALCON INTERNATIONAL, INC., OF 2 PARK AVENUE, NEW YORK, NEW YORK-10016, UNITED STATES OF AMERICA.

Application No. 1769/72 filed October 30, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims. No drawings.

The method of preparing a 1, 4-dicyano butene which comprises dehydrocyanating 1, 2, 4-tricyanobutane by subjecting the tricyanobutane to a temperature within the range of 100—1000°C.

CLASS 127F.

136476.

## ROLLING CONTACT GEARING.

WILLIAM SPENCE ROUVEROL, OF 219 BONITA, SAUSALITO, CALIFORNIA 94965, UNITED STATES OF AMERICA.

Application No. 2078/72 filed December 6, 1972.

Convention date December 6, 1971 (56484/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 15 Claims.

A pair of toothed mating gears comprising a driving gear and a driven gear turned by pressure exerted by the teeth of said driving gear, mechanical means connected to said driven gear to drive power therefrom, said teeth being formed to have working profiles in pairs perpendicular to the pitch line for which the pressure angle is greater than  $40^\circ$ , the working profiles of the teeth of one of said pair of gears being curved, a portion of the working surface of the teeth of one of said pair intersecting the pitch circle of said one of said pair, the radii of curvature of the underformed profiles of the teeth of both of said pair being greater than half the circular pitch and both flanks of each of said teeth on one of said pair having at all points pressure angles of at least zero degrees.

CLASS 32B.

136477.

## SYNTHESIS OF 1, 2-BUTADIENE.

THE FIRESTONE TIRE & RUBBER COMPANY, OF 1200 FIRESTONE PARKWAY, AKRON, STATE OF OHIO 44317, UNITED STATES OF AMERICA.

Application No. 424/Cal/73 filed February 27, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 9 Claims. No drawings.

The process of producing 1, 2-butadiene from 2-butyne by the steps of contacting the 2-butyne with a base-treated catalyst comprising silica and/or alumina at a temperature of from  $200^\circ\text{C}$  to  $600^\circ\text{C}$  for 0.1 to 100 seconds, and separating and recovering the 1, 2-butadiene from the reaction product mixture thus produced.

CLASS 32F.

136478.

## PROCESS FOR PREPARING 7-CHLORO-2, 3-DIHYDRO-1-METHYL-5-PHENYL-1H-1, 4-BENZODIAZEPINE.

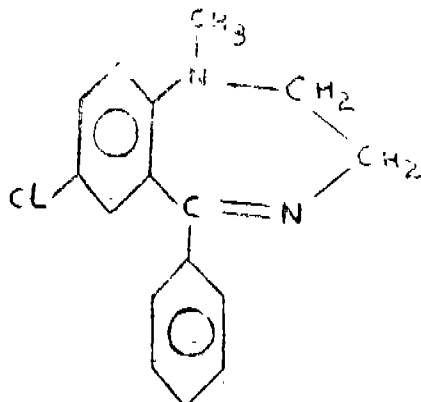
KRKA TOVARNA FARMACEVTSKIH IN KEMICNIH IZDELKOV, OF CESTA KOMANDANTA STANETA 19, NOVO MESTO, YUGOSLAVIA.

Application No. 589/Cal/73 filed March 15, 1973.

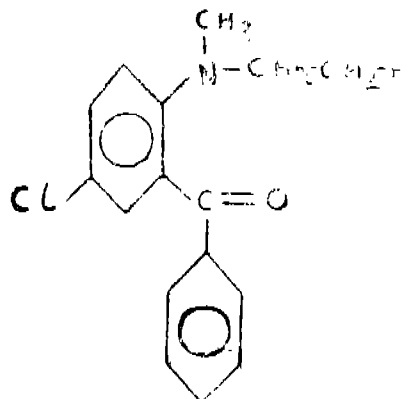
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

## 4 Claims.

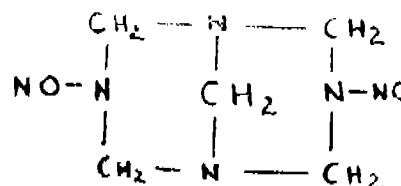
A process for preparing 7-chloro-2, 3-dihydro-1-methyl-5-phenyl-1H-1, 4-benzodiazepine of the formula 1.



which comprises the cyclisation of 2-(2-haloethylmethylamino)-5-chloro-benzophenone of the general formula II.



wherein R represents a chlorine or bromine atom, with dinitroso-pentamethylenetetramine of the formula III.



CLASS 32C &amp; 83A.

136479.

## PROCESS FOR THE PREPARATION OF A HYDROLYZATE OF PROTEINS FOR USE AS A FOODSTUFF.

UNION LAITIERE VAUDOISE, OF 35 SAINT-MARTIN, 1000 LAUSANNE 17/SWITZERLAND.

Application No. 164/Cal/73 filed January 24, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims. No drawings.

A process for the preparation of hydrolyzate of proteins for use as a foodstuff, comprising: providing a mixture of water, purified arsenic-free hydrochloric acid of density approximately 1.17 and proteins in a proportion by weight of approximately 9 : 13 : 10; boiling said mixture for several hours; neutralizing the mixture by the addition of a base; and filtering the neutralized mixture to separate the clear filtrate.

CLASS 143D.

136480.

## A STATIONARY TUCKING AND FOLDING MECHANISM.

SCANDIA PACKAGING MACHINERY COMPANY, FORMERLY OF 500 BELLEVILLE TURNPIKE, NORTH ARLINGTON, NEW JERSEY 07032, UNITED STATES OF AMERICA, BUT NOW OF 180 BRIGHTON ROAD, CLIFTON, NEW JERSEY 07012, UNITED STATES OF AMERICA.

Application No. 1310/Cal/73 filed June 4, 1973.

Division of Application No. 131773 filed June 17, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 1 Claim.

In a stationary tucking and folding mechanism including a tucker blade means and at least a first folder member forming a planar wall structure including a slot located between the tucker blade means and the folder member, said mechanism being mountable along a path travelled by an article

having a wrapper extension section projecting outwardly from the edges thereof, said mechanism being effective to form a tucked portion and then bend an overfold portion thereover as the article moves along the path, said folder member including :

(a) a folding surface, a concave pressing surface and a flat pressing surface;

(b) said slot having a configuration to receive the overfold portion of the extension section and cause the overfold portion to bend inwardly with respect to the article over the tucked portion; and

(c) said folding surface and gradual pressing surface being contiguous to said slot configuration.

CLASS 34A. 136481.

**CONTINUOUS BI-COMPOUND ACRYLIC BULKY YARN AND ITS METHOD OF PRODUCTION.**

SNAM PROGETTI S.P.A., OF CORSO VENEZIA 16, MILAN, ITALY.

Application No. 1392/72 filed September 12, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

36 Claims.

Bulked acrylic yarn comprising crimped conjugate filaments formed from a plurality of acrylic homopolymers and/or copolymers having different chemical and/or physical characteristics, the yarn containing from 4 to 15 crimps per centimetre and the yarn having a rate of crimping as hereinbefore defined of from 5 to 20%, being capable of elongation by from 10 to 30%, and the crimping characteristics of the yarn being unchanged or increased when the yarn is immersed in boiling water as when dyed.

CLASS 205H+K. 136482.

**RADIAL PLY PNEUMATIC TYRES.**

INDUSTRIE PIRELLI SPA, OF CENTRO PIRELLI, PIAZZA DUCA D'AOSTA NO. 3, MILAN 20100, ITALY.

Application No. 1848/72 filed November 10, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A radial ply pneumatic tyre comprising a tread portion and a pair of sidewall portions in which each sidewall portion is connected to the tread portion through a shoulder portion having a conical surface whose axis is coincident with the axis of the tyre, said conical surface leading from an edge of the sidewall portion to an edge of the tread portion.

CLASS 81 & 173A. 136483.

**LIQUID JET NOZZLE.**

MARCONA CORPORATION, OF ONE MARITIME PLAZA, SAN FRANCISCO, CALIFORNIA, UNITED STATES OF AMERICA.

Application No. 2139/72 filed December 13, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

In a liquid jet nozzle from which a liquid is discharged at high energy in a uniform stream of high velocity and particularly adapted for the agitation of subdivided solids impacted by said stream, stem means comprising a first section having the shape of a circular cylinder, means for at least partially the shape of a circular cylinder, means for at least partially said cylindrical section to a source of liquid under pressure, a nozzle head connected to the one end of said cylindrical section, said head having a first portion formed to fit continuously in alignment with cylindrical section and other portions of

progressively reduced cross sections, said nozzle head terminating in a nozzle orifice opening in a plane at a substantial angle to said stem means, said head being constructed and arranged to be confined throughout its extent within an extension of said cylindrical section, thereby serving to change the direction and velocity of the flow of liquid by a substantial angle within that dimension.

## OPPOSITION PROCEEDINGS

(1)

The application for Patent No. 134244 made by Narayanaswamy Durai in respect of which an opposition was entered by Raman Shanmugam Pillai as notified in Part III, Section 2 of the Gazette of India dated 24th August 1974 has been treated as withdrawn.

(2)

An opposition has been entered by Centron Industrial Alliance Limited to the grant of a patent on application No. 135825, made by Wilkinson Sword Limited.

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

117346 117582 117603 117617 117641 117689 117797 117853  
117859 117882 117989 117997 118040 118069 118312 118490  
118617 118685 118790 118816 118852 118866 118887 118983  
119007 119018 119034 119035 119059 119063 119082 119097  
119116 119131 119173 119256 119276 119346 119405 119421  
119549 119585 119631 119668 119854 119934 119971 120121  
120149 120249 120253 120378 120617 120641 120661 120707  
120881 120935 120965 120974 121018 121458 122114 122170  
122564 122803 122853 123117 123252 123524 124433 125130  
125131 125132.

(2)

123465 124567 124721 124965 125111 125665 125858 126295  
126342 126351 126370 126394 126395 126396 126944 127300  
127316 127454 127786 127805 127826 128681.

(3)

124416 125330 125747 126051 126116 126283 126417 126789  
127017 127722 127991 127993 128700 129025 132585.

(4)

126102 127352 127353 127464 127473 127509 128452 128830  
129292 129396 129580 129730 130379 130662 131029 131055  
131154 131210 133000.

(5)

127504 128294 129115 129709 131702 132026 132391 132414  
133745.

(6)

92488.

(7)

115466 128261 128285 128358 128417 128426 128492 128978  
129355 129428 129456 130675 131157 131166 133148 134914

## PATENTS SEALED

85128 92074 115427 117200 118801 123825 127495 127827  
129227 132192 132953 133281 133357 133460 133491 133561  
133599 133669 134235 134321 134324 134445 134504 134564  
134603 134655 134663 134679 135613 135636 135639 135653  
135654 135657 135658.

## AMENDMENT PROCEEDINGS UNDER SECTION 57

(3)

(1)

The amendments proposed by Nippon Kokan Kabushiki Kaisha in respect of patent application No. 126095 as advertised in Part III, Section 2 of the Gazette of India dated the 17th August 1974 have been allowed.

The amendments proposed by Hindustan Lever Limited, in respect of patent application No. 129348 as advertised in Part III, Section 2 of the Gazette of India dated the 17th August 1974 have been allowed.

(2)

The amendment proposed by Sandoz Ltd., in respect of patent application No. 129260 as advertised in Part III, Section 2 of the Gazette of India dated the 17th August 1974 have been allowed.

(4)

The amendments proposed by Cabot Corporation in respect of patent application No. 129436 as advertised in Part III, Section 2 of the Gazette of India dated the 17th August 1974 have been allowed.

## COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field of Electrical Engineering industry are not being commercially worked in India as admitted by the patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970, in respect of Calendar years 1972 and 1973, generally on account of want of requests for licences to work the patented inventions. Persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purpose.

Sl. No.	Patent No.	Date	Name and Address of the Patentee	Brief Title of the Invention
1.	70685	13-2-1969	The Post Office, 23, Howland Street, London W.I.P. 6.H.Q., London, E.C. 1.	Demodulators for amplitude modulated current pulses.
2.	74169	19-11-1960	ESB Incorporated, 5, Penn Center Plaza, Philadelphia, Pennsylvania, U.S.A.	Battery electrodes.
3.	74562	18-12-1959	The Post Office, 23, Howland St., London WIP, 6 H.Q., England.	Electric pulse transmission systems.
4.	76051	1-4-1961	R R. Pardaani, Bhatia Bldg., 87, Ranade Road, Shivaji Park, Bombay-28.	Dead Front fuse units.
5.	77336	26-6-1961	Harries Television Research Ltd., Bank of Bermuda, Bldg., Hamilton, Bermuda.	Optical system suitable for television receiver photographic systems.
6.	78059	14-8-1961	Aktiebolaget Kanthal, Hållsthammar, Sweden.	Electrical resistors and materials therefor.
7.	79030	27-10-1960	The Post Office, 23, Howland St., London WIP 6 HQ, England.	Time division multiplex telecommunication switching systems.
8.	85540	10-12-1962	ESB Inc., 5, Penn Center Plaza, Philadelphia, Pennsylvania, U.S.A.	Electric batteries.
9.	86759	5-3-1962	Electrothermal Engg., Ltd., 270, Neville Road, London E. 7.	Flexible electric heating device.
10.	96611	19-11-1964	Rank Xerox Ltd., 37/41, Mortimer St., London W. 1.	Transmitting unit for a facimile communication system.
11.	97475	18-1-1965	Continental Oil Co., P.O. Drawer-1267, Ponca City, State of Oklahoma, U.S.A.	Seismic transducer.
12.	97585	24-1-1964	J. Stone & Company (Deptford) Ltd., Deptford, London S.E. 14.	Dynamo electric machines.
13.	100760	23-7-1965	ESB Inc., 5, Penn Center Plaza, Philadelphia, Pennsylvania, U.S.A.	Deferred action electric batteries.
14.	100863	31-7-1964	The Post Office, 23, Howland St., London WIP 6 HQ, England.	Switching stages in telecommunication systems.
15.	101151	16-8-1965	The Bunker-Ramo Corporation, Oakbrook North, Oakbrook, Illinois, U.S.A.	Resistive element and variable resistor.
16.	101453	6-9-1965	Continental Oil Co., P.O. Drawer-1267, Ponca City, State of Oklahoma, U.S.A.	System for minimizing the phase variations between a signal as received and said signal as subsequently transmitted.

Sl. No.	Patent No.	Date	Name and Address of the Patentee	Brief Title of the Invention
17.	101467	6-9-1965	Nippon Carbide Kogyo Kabushiki Kaisha, 2, 3-chome, Moarunouchi, Chiyoda-ku. Tokyo, Japan.	Electric reducing furnace.
18.	104594	29-3-1965	The Post Office, 23, Howland St., London WIP 6 HQ, England.	Telecommunication switching systems.
19.	104673	5-4-1965	J. Stone & Company (Deptford) Ltd., Deptford, London S.E. 14.	Battery-charging systems.
20.	<del>106394</del>	<del>29-7-1965</del>	The Post Office, 23, Howland St., London WIP 6 HQ, England.	Signalling systems for telecommunication systems.
21.	<del>107876</del>	7-11-1966	Do.	Signalling systems.
22.	108738	4-1-1967	American Gage & Machine Co., 5200, West Kingzie St, Chicago, Illinois, U.S.A.	Digital display device.
23.	110704	18-5-1967	Globe-Union Inc., Post Office Box-591, Milwaukee, Wisconsin-53201, U.S.A.	Electric circuit element.
24.	110760	22-5-1967	Rank Xerox Ltd., Rank Xerox House, 338 Euston Rd., London N.W. 1.	Automatic toner dispensing control systems.
25.	111272	26-6-1967	Institut Francais Du Petrole, 1 & 4, Avenue de Bois-Preau, 92, Rueil Malmaison (Hauts de seine), France.	Device for seismic prospecting in a body of water.
26.	111328	30-6-1967	Do.	Spark generator for seismic prospecting.
27.	112439	20-9-1967	Continental Oil Co., 1000, South Pine St., Ponca City, Oklahoma, U.S.A.	Digital system for controlling a seismic vibrator.
28.	113737	2-8-1967	Do.	A poravane for a seismic cable adapted to be towed through water.
29.	114639	20-2-1968	Contantin Graf Von Berckheim, 9, Friedrichstrasse, 694, Weinheim, Bergstrasse, West Germany.	Electrodes for installations for raising the electrical field strength in enclosed spaces.
30.	114640	20-2-1968	Do.	Devices for air-conditioning enclosed spaces such as rooms by the production of unipolar atmospheric ions.
31.	115117	28-7-1966	The Post Office, 23, Howland St., London WIP 6 HQ, England.	A step by step switching system for a communication system.
32.	115680	30-4-1968	Constantin Graf Von Bergstrasse, 9, Friedrichstrasse, 694, Weinheim/Bergstrasse, West Germany.	Electric air-conditioning of spaces in buildings and vehicles.
33.	115796	7-5-1968	Xerox Corporation of Rochester, New York 14603, U.S.A.	Facsimile-television multiplexing and transmission system.
34.	116208	3-6-1968	Xerox Corp., Rochester, New York-14603, U.S.A.	Electronic coupler circuit.
35.	116553	28-6-1968	Constantin Graf Von Berekheim, 9, Friedrichstrasse, 694, Weinheim-Bergstrasse, West Germany.	Device for electric air-conditioning of vehicles.
36.	116582	5-7-1967	British Railway Board, 222, Marylebone Road, London N.W. 1.	Screening circuit for a communication cable.
37.	116885	13-2-1968	Do.	Screening circuit for a communication cable.
38.	117868	3-10-1968	Kaiser Aluminum & Chemical Corpon., 300, Lakeside Drive, Oakland, C.A. 94604, U.S.A.	Anode effect termination.

Sl. No.	Patent No.	Date	Name and Address of the Patentee	Brief Title of the Invention
39.	118669	20-11-1968	Instituut Francais Du Petrole, 1 et 4, Avenue de Bois-Preau, 92. Rueil Malmaison (Hauts de Seine), France.	Devices for emitting acoustic waves in a liquid medium.
40.	120212	7-3-1969	Rank Xerox Ltd., Rand Xerox House, 338, Euston Rd., London N.W. 1, U.K.	Developing a latent electrostatic image.
41.	120218	7-3-1969	Do.	Electrostatic charging device.
42.	120249	10-3-1969	Rank Xerox Ltd., Rank Xerox House, 338, Euston Rd., London N.W. 1, U.K.	Electrographic recording device.
43.	120298	12-3-1969	Rank Xerox Ltd., Rank Xerox House, 338, Euston Road, London N.W. 1, England.	Electronic-ionic amplifier and a method of electrographic recording.
44.	120730	5-4-1969	Constantin Graf Von Berckheim, of 9, Friedrichstrasse, 694, Weinheim/Bergstrasse, West Germany.	Electrical air-conditioning arrangements.
45.	120826	9-4-1969	Wayne Eucil Jenson, of P.C. Box Glenwood, Illinois, 60425, U.S.A.	Traffic signal conversion unit.
46.	121172	3-5-1969	E.S.B. Inc., of No. 2, Penn Center Plaza, Philadelphia, Pennsylvania, U.S.A.	Electric batteries.
47.	121423	20-5-1969	Rank Xerox Ltd., Rank Xerox House, 338, Euston Road, London N.W. 1, England.	Selective development control device in electrostatic image reproduction machines.
48.	121424	20-5-1969	Do.	Electrophotographic plate and imaging process.
49.	121425	20-5-1969	Do.	Phase correction system for aligning at least two electrical signals.
50.	121492	14-3-1969	Universal Electrical Co., 300, East Main St. Wosso, State of Michigan, 48867, U.S.A.	Electric motors.
51.	122619	4-8-1969	The Bunker-Ramo Corp., Oakbrook North, Oak Brook, Illinois, U.S.A.	Precision potentiometer.
52.	122629	5-8-1969	Bernard Aptzoot-Soloway, Flat-6, Sylva Court, Putney Hill, London S.W. 15.	Data input checking devices.
53.	123535	13-10-1969	Constantin Graf Von Berekheim, 9, Friedrich Strasse, 694, Weinheim/Bergstrasse, West Germany.	Arrangements for the electrical airconditioning of enclosed spaces.
54.	125116	3-2-1970	British Railways Board, 222, Merylebone Road, London N.W. 1, England.	Ultrasonic flow detection apparatus.
55.	125428	23-2-1970	Aleksander Zdzislaw Chalorski, 717, Ellicott Street, Buffalo, New York-14023, U.S.A.	Contactless apparatus for determining electrical resistivity.
56.	125555	3-3-1970	Siemens Aktiengesellschaft, Berlin and Munich, West Germany.	Component assemblies for electric communication or measuring unit.
57.	125578	4-3-1970	Interamerican Projects Inc., 663, Fifth Avenue, New York-22, New York.	Electric circuit unit package for facilitating mass production of electronic equipment by unskilled labour.
58.	125704	11-1-1971	Bhubaneshwar Singh, 1, Crooked Lane, Calcutta-1.	Carbon brush used in electrical machine.
59.	126050	27-1-1971	Physical Research Laboratory, Navrangpura, Ahmedabad-9, Gujarat, India.	Electronic apparatus for the measurement of the difference in frequencies.

Sl. No.	Patent No.	Date	Name and Address of the Patentee	Brief Title of the Invention
60.	126098	7-4-1970	Constantin Graf Von Berckheim, Friedrichstrasse 694, Weinheim, Bergstrasse, West Germany.	Arrangements for the production of an electric field in the region of a bed.
61.	126204	22-4-1969	International Nickel Ltd., Thames House, Millbank, London S.W. 1.	Plates for accumulators.
62.	126377	27-4-1970	Joseph Lucas (Industries) Ltd., of Great King St., Birmingham-19, England.	Electrical systems for road vehicles.
63.	126727	19-5-1970	Libbey-Owens-Ford Co., 811, Madison Avenue, Toledo, Ohio, U.S.A.	Method of repairing electrically conducting frit circuits.
64.	126852	7-8-1970	Gould Inc., E-1200, First National Bank Bldg., St. Paul Minnesota, U.S.A.	Making electrical connections through storage battery wall.
65.	126943	4-6-1970	Union Carbide Corp., 270, Park Avenue, New York, State of New York, 10017.	Leclanche dry cell with thick wall paste separator.
66.	127011	10-6-1970	C.K.D. Praha Oborovy Podnik, Prabha, Czechoslovakia.	Electric circuit for controlling a motor vehicle.
67.	127032	11-6-1970	C. A. V. Ltd., of Wall St., Birmingham-19, England.	Electric circuits for increasing the initial rate or rise of current in an inductor in the circuit.
68.	127133	17-6-1970	L' Isostat S A., 67, Rue Mazie-Anne, Colombier 93-Bagnolel-(Seine), France.	Multiple switch assembly.
69.	127134	17-6-1970	Do.	Electric switching arrangements.
70.	127135	17-6-1970	Do.	Electric switch.
71.	127212	27-7-1970	Telefunken Patentverwertungsgesellschaft m. b.H., 7900, ulm/Donau Elivabettenstr-3, German Fed. Republic.	Record carrier for storing recorded signals.
72.	127213	27-7-1970	Licentia Patent Verwaltungs G.m.b.H., 6, Frankfurt-70, Theodar-Steinkail, German Federal Republic.	Support for recorded signals.
73.	127322	30-6-1970	C.S.I.R., Rafi Marg, New Delhi-1.	Improved log periodic dipole antenna for beam compression and gain improvements.
74.	127614	20-7-1970	Hooker Chemical Corp., of Niagara Falls, New York.	Metal plating of electrically non-conductive substrates.
75.	127701	24-7-1970	British Insulated Callender's Cabels Ltd., of 21, Bloomsbury St., London W.C. 1.	Electric conductors.
76.	127957	10-8-1973	Siemens Aktiengesellschaft, of Berlin & Munich, West Germany.	Dynamo-electric machine.
77.	127958	10-8-1970	Do.	An installation comprising an asynchronous electrical machine.
78.	127960	10-8-1970	Gould Inc., E-1200, First National Bank Bldg., St. Paul, Minnesota, U.S.A.	Casting battery plates.
79.	128220	28-8-1970	Siemens Aktiengesellschaft, of Berlin & Munich, West Germany	Indicating circuit for indicating the switching state of electrical device
80.	128267	2-9-1970	—do—	Amplifier regulation arrangement for carrier frequency information transmission
81.	128341	8-9-1970	Ross Operating Valve Co., 120, East Golden-gale Avenue, Detroit, Michigan U.S.A.	Solenoid valve.

Sl. No.	Patent No.	Date	Name and Address of the Patentee	Brief Title of the Invention
82.	128591	25-9-1970	Siemens Aktiengesellschaft, Berlin and München, West Germany.	Spark gap assembly for surge arrester.
83.	128683	3-10-1970	Gould Inc., E-1200, First National Bank Bldg., P. O. Box-3140, St. Paul, Minnesota, U.S.A.	Method of casting battery plate connecting tugs onto a connecting strip.
84.	128893	19-10-1970	Eugenia Maria Koos, of 4907, Neosho Mission Kansas-66205, U.S.A.	Educational television system.
85.	129042	28-10-1970	Societa Nationale Des Petrales D' Aquitaine, Tour Aquitaine, 92, Cour Bevoil, France.	Device for measuring the amplitude of a seismic signal.
86.	129075	31-10-1970	Joseph Lucas (Industries) Ltd., Great King St., Birmingham-19, England.	Battery terminal clamp.
87.	129392	25-11-1970	The Bunker-Ramo Corp., Oakbrook, North Oakbrook, Illinois, U.S.A.	Electrical connector having improved contact retention system.
88.	129428	28-11-1970	Telefonaktiebolagst L. M. Ericsson, Stockholm-32, Sweden.	Electric thread shaped conductor.
89.	129519	7-12-1970	The English Co., Ltd., of Bush House, Aldwych, London.	Relay power supply.
90.	129521	7-12-1970	Joseph Lucas (Industries) Ltd., of Great King St., Birmingham, England.	Lamp failure warning circuits for road vehicles.
91.	129547	9-12-1970	Leningradsky Metallichesky Zavod, Imeni-XXII Siezda KPSS, Leningrad Svezdlovskaya naberezhnaya, 18, U.S.S.R.	Rotation speed governor for a hydraulic turbine loaded by an electric power generator.
92.	129600	15-12-1970	Westinghouse Electric Corp., 3, Gateway Center, Pittsburgh, Pennsylvania, U.S.A.	Fluorescent lamps.
93.	129644	17-12-1970	Kawasai Steel Corp., of No. 1, 1-Chome, Kitahouchou-Dari, Futai-ku, Kobe City, Japan.	Forming electric insulating coating on the surface of silicon steel sheet.
94.	129670	21-12-1970	Joseph Lucas (Industries) Ltd., Great King St., Birmingham-19, England.	Electric systems for road vehicles.
95.	129817	1-1-1971	Meer Danilovich Kochergin Sky & Others, Ulitsa Komarova, b.KV, 23, Moscow, U.S.S.R.	Storage cell with dissolvable negative zinc electrodes.
96.	129851	6-1-1971	Mefina S. A., Route de Beaumont-5, Frebourg, Switzerland.	Push button switch.
97.	129882	8-1-1971	Siemen Aktiengesellschaft, Berlin and Munich, West Germany.	Printed circuit board having a plurality of control channels on one side thereof.
98.	129998	19-1-1971	Ethicon Inc., Sommerville, New Jersey, U.S.A.	Electropolishing of drilled surgical needles.
99.	130069	27-1-1971	Siemen Aktiengesellschaft, Berlin and Munich, West Germany,	Apparatus for diffusing doping substances into semi-conductor materials.
100.	130070	27-1-1971	—Do—	Hollow bodies of semi-conductor materials.
101.	130071	27-1-1971	—Do—	Hollow bodies of semi-conductor materials.
102.	130120	29-5-1971	Nripendranath Chakravarti, 639, Block (O), New Alipur, Calcutta-53.	Transmission towers or poles.
103.	130218	9-2-1971	Siemens Aktiengesellschaft, of Berlin & Munich, West Germany.	Terminal seals for insulated cables or conductors.
104.	130283	16-2-1971	—Do—	Pulse regenerator circuits for pulse-code modulation systems.
105.	130284	16-2-1971	—Do—	Encloser for surrounding electronic components.

Sl. No.	Patent No.	Date	Name and Address of the Patentee	Brief Title of the Invention
106.	130364	25-2-1971	Westinghouse Air Brake Co., Pittsburgh, State of Pennsylvania, U.S.A.	Automatic electric line coupler with removal contact, unit.
107.	130531	11-3-1971	Nina Yakovlevna Surovtseva and Others, Moskovskaya ablast, Butouo, Ulitsa Svernaya, 5, KV 48, U.S.S.R.	Apparatus for the automatic impedance matching of the aerial and the feeder of a radio transmitter receiver set.
108.	130741	26-3-1971	Fabbrica Italiana Magnetic Marelli S. p. A., Via Guastala-2, Milano, Italy.	Electronic device for regulating the voltage of alternators, particularly for motor-vehicles.
109.	130988	14-4-1971	Globe-Union Inc., 5757, N. Green Bay Avenue, Milwaukee, Wisconsin-53201, U.S.A.	Storage batteries.
110.	131029	19-4-1971	Joseph Lucas (Industries) Ltd., of Great King St., Birmingham-19, England.	Lamp failure warning systems for road vehicles.
111.	131140	27-4-1971	— Do —	Supressors for road vehicles.
112.	131264	6-5-1971	Fabbrica Italiana Magnetic Marelli S. p. A., Via Guastalla-2, Milan, Italy.	Electronic device for controlling a silicon controlled rectifier in a capacitor discharge electronic ignition circuit for internal combustion engines.
113.	131289	7-5-1971	Texaco Development Corp., 135, East 42nd Street, New York-10017.	Electrical indicator for pneumatic control system.
114.	131290	7-5-1971	Ustav Pro Vyzkum Rud, Praha-4, Moolranska-23, Czechoslovakia.	High intensity multizone magnetic seperator.
115.	131474	24-5-1971	R. C. A. Corp., of 30, Rockefeller Plaza, New York.	Semi-conductor device with aluminium oxide dielectric.
116.	131548	31-5-1971	— Do —	Contact structure for semi-conductor device.
117.	131549	31-5-1971	— Do —	Insulated gate field-effect transistor.
118.	131643	8-6-1971	Joseph Lucas (Industries) Ltd., of Great King St., Birmingham-19, England.	Electrical system for road vehicles.
119.	131680	23-4-1970	Soceita des Accumulatnes Fixes et de Traction, 156, Avenue de Metz-93, Romainville, France.	Battery of flat cells.
120.	131897	28-6-1971	Vedeeko-Vyzkumy Uhleny Ustav of Ostrava-Radvanice, Czechoslovakia.	Equipment for the continuous automatic seismo-acoustice measurements of the dynamic noise variations within the rock mass.
121.	132077	12-7-1971	R. C. A. Corp., of 30, Rockefeller Plaza, New York.	Transistors.
122.	132186	21-7-1971	Libbey-Owens-Ford Co., 811, Modison Avenue Taledo, Ohio, U.S.A.	Soldering.
123.	132321	2-8-1971	R. C. A. Corp., of 30, Rockefeller Plaza, New York.	Semi-conductor device.
124.	132391	5-8-1971	Siemens Aktiengesellschaft, Berlin and Munich	Electrical machine arrangement for providing constant excitation current for a brushless variable speed synchronous machine.
125.	132409	6-8-1971	Siemens Atkiengesellschaft, Berlin and Munich, West Germany.	An apparatus for controlling a line commutated current convertor.
126.	132468	11-8-1971	— Do —	Diffusion of doping materials into wafes of semiconductor materials.

Sl. No.	Patent No.	Date	Name and Address of the Patentee	Brief Title of the Invention
127.	132623	23-8-1971	Telephon-V Telegraphen-Fabriks Aktiengesellschaft Rapsch & Soine Wein, Wageneilgasse-1, Wein-12, Austria.	Primary cells.
128.	132626	23-8-1971	M. G. Koblents and Others, Kharkov, Ulitsa Danilevskogo 20, K. V. 92, U.S.S.R.	Reed switch.
129.	133232	14-10-1971	The air Preheater Company Inc., Andouer Road, Wellwill, New York, U.S.A.	Electroslag welding apparatus and method of determining the adequacy of flux present.
130.	133785	29-11-1971	Siemens Aktiengesellschaft, Berlin & Munich, Germany (West).	V. H. F. Heterodyne circuits.
131.	134282	14-1-1972	Joseph Lucas (Industries) Ltd., of Great King St., Birmingham-19, England.	Electrical switch and lock assembly for use in a vehicle.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS  
"LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the word "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
119551 (27-1-69)	Process of directly reducing materials containing iron oxide in a rotary kiln.
121276 (12-5-69)	Mixed oxides and agglomerates and process for producing them.
121595 (24-11-67)	Inhibition of mould growth on crops.
122932 (27-8-69)	Azo dyestuffs, process for their manufacture and organic materials dyed, printed or pigmented therewith.
123166 (16-9-69)	A process for the separation of multi-component mixture in a solid-liquid continuous countercurrent purifier.
123336 (29-9-69)	Crystalline sequence-type propylene styrene copolymers having quaternary ammonium residues attached to the phenyl nuclei of the styrene residues via methylene groups, process for their preparation and anion exchange membranes made therefrom.
123639 (21-10-69)	A stable and water soluble cationic resin from dicyandiamide suitable for use in leather, textile and paper industries and a process for preparing it.
123663 (22-10-69)	A vulcanizable green stock, a rubbery vulcanisate obtained therefrom and a process for preparing said vulcanisate.
124470 (17-12-69)	Novel hydroxy substituted esters of thiosulfonic acids, process for preparing them and their use as microbicides.
124493 (18-12-69)	Improvements in a process for polymerising unsaturated alicyclic compounds.
124512 (19-12-69)	Flavouring agents comprising a heterocyclic ketone and method for preparing them.
124941 (20-1-70)	Process for the manufacture of carbon tetrachloride.
125774 (17-3-70)	Complex modifier for the production of high-quality cast iron castings and method for its preparation.
127397 (4-7-70)	A process for the production of 3-acetoxy-2-methylene propionic acid alkyl esters.

RENEWAL FEES PAID

70287 70534 72247 72957 73442 73985 74206 74210 74221	100303 100304 101936 102007 102369 102469 102506 102816
74382 74424 74505 74519 74613 74628 74654 74701 75321	102851 102943 102965 103022 103028 103052 103099 103118
76787 78485 79639 79646 79650 79727 79735 79879 79977	103121 103123 103129 103176 103226 103227 103236 103342
80060 80137 80172 80173 80190 80352 80422 80522 82652	103358 103449 103609 103610 103611 104411 104493 105625
83748 84720 85283 85318 85375 85422 85447 85458 85488	105626 106825 107076 107099 107192 107694 108226 108300
85533 85575 85623 85845 86015 86028 86187 86236 86241	109327 108391 108396 108419 108578 108586 108825 108901
87587 87828 88403 88953 91045 91091 91144 91166 91176	108951 109014 109015 109093 109100 109765 110125 110450
91247 91348 91431 91765 91816 91901 91922 91976 92302	111889 112555 112965 113045 113046 113383 113426 113457
92396 92459 92532 93025 93388 95360 96802 96808 96857	113458 113482 113493 113506 113508 113509 113526 113560
96957 96978 96982 96999 97011 97012 97143 97148 97306	113561 113625 113685 113687 113799 113811 113846 113919
97422 97439 97445 97446 97507 97540 97822 97842 98767	113937 113942 113998 114031 114101 114134 114292 114293
	114294 114388 115077 115693 116544 117773 117957 118442

118695 118730 118870 118882 118925 118934 118935 118946  
 118959 118960 118986 118987 119009 119023 119024 119027  
 119034 119035 119047 119048 119053 119077 119113 119128  
 119209 119768 121291 121507 121648 121730 121975 122460  
 122647 123244 123432 123499 123867 123878 123904 124042  
 124048 124122 124157 124204 124214 124224 124239 124248  
 124251 124273 124287 124289 124291 124292 124310 124327  
 124363 124388 124389 124390 124426 124430 124439 124453  
 124468 124551 124585 124589 124659 124948 124974 125065  
 125212 125352 125773 126047 127545 127574 128159 128385  
 129098 129124 129268 129278 129489 129494 129495 129520  
 129521 129578 129580 129583 129635 129644 129658  
 129659 129695 129697 129698 129753 129768 129869 129887  
 129936 130088 130099 130126 130643 130827 130959 131460  
 131859 131867 132113 132133 132428 132591 132694 132865  
 132891 133117 133128 133135 133543 133635 133663 133736  
 133818 133830 133847 133858 133861 133902 133935 133954  
 133959 133984 134056 134081 134100 134118 134130 134132  
 134151 134154 134163 134172 134353 134411 134413 134440  
 134441 134442 134975 135087 135570 135572 135574 135577

#### CESSATION OF PATENTS

117201 126276 127487 12703 127514 127521 127525 127539  
 127540 127550 127562 127566 127585 127586 127594 127599  
 127604 127615 127617 127631 127657 127690 127693 127703  
 127718 127731 127737 127762 127781 127796 127842 127844  
 127852 127881 127882 127884 127919 127923 127932 127933  
 127980 127982 127993 128002 128026 128027 128032 128053  
 128086 128109 128119 12825 128131 128274 128359 128420  
 128438 128463 128489 121601.

#### REVOCAION OF PATENT UNDER SECTION 64

Patent No. 126276 dated the 20th April, 1970 granted to Kandathil Koshy Chakko for "Telephone Lock" has been revoked by an order dated the 12th November, 1974 of the Hon'ble Shri Justice Yogeswar Dayal of the Delhi High Court, in suit C.O. 8/1973 filed by Tiger Products Private Limited.

#### RESTORATION PROCEEDINGS

##### (1)

Notice is hereby given that an application for restoration of Patent No. 116500 dated the 25th June 1968 made by Harshad Laljibhai Gajjar and another, trading as Vijay Engineering Works on the 24th May, 1974 and notified in the Gazette of India, Part III, Section 2 dated the 22nd June 1974 has been allowed and the said patent restored.

##### (2)

Notice is hereby given that an application for restoration of Patent No. 123878 dated the 5th November 1969 made by Kirloskar Oil Engines Limited and Kirloskar Brothers Limited

on the 18th July 1974 and notified in the Gazette of India, Part III, Section 2 dated the 10th August 1974 has been allowed and the said patent restored.

##### (3)

Notice is hereby given that an application for restoration of Patent No. 127378 dated the 3rd July, 1970 made by CAV Limited on the 1st July 1974 and notified in the Gazette of India, Part III, Section 2 dated the 27th July, 1974 has been allowed and the said patent restored.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

#### N I L

#### COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS.

Design Nos. 136099, 136148, 136149, 136150, 136152, 136153, 136154, 136155, 136156, 136211, 136318, 136319, 136258, 136548, 136550 ..... Class 1.

Design Nos. 136092, 136093, 136954, 136996, 137301, 137302 ..... Class 3.

Design No. 136111, 136113, 136114 ..... Class 5.

#### COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS.

Design Nos. 123029, 136258 ..... Class 1.

Design Nos. 123030, 123234, 123427, 125036, 125062, ..... Class 3.

Design Nos. 136111, 136113, 136114 ..... Class 5.

#### CORRECTION OF CLERICAL ERROR UNDER SECTION 62 OF THE DESIGNS ACT, 1911

##### (1)

Under Section 62 of the Designs Act, 1911, the name of the article to which design No. 139933 is applied has been corrected from HEADRING to TORCH BASE in the certificate and on the reverse of the representation.

##### (2)

Under Section 62 of the Designs Act, 1911, the name of the article to which design No. 139935 is applied has been corrected from TORCH BASE to HEADRING both in the certificate and on the reverse of the representation.

#### CANCELLATION OF THE REGISTRATION OF DESIGNS

##### (Section 51A)

An application has been made by Shri M.S. Chowla & others trading as M/s. M. S. Chowla & Co., for cancellation of the registration of Design No. 141937 in Class 3 in the name of M/s. Weston Electronics Private Ltd.

S. VEDARAMAN  
 Controller General, of Patents, Designs & Trade Marks.